WEST Search History

Hide Items Restore Clear Cancel

DATE: Monday, May 08, 2006

Hide?	Set Name	Query	Hit Count
	DB=PGPB	, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YE	S; OP = AND
	L4	L3 and extracellular	40
	L3	(gdf-8 or myostatin) same activin receptor	78
	L2	11 and muscle	84
	L1	activin receptor gdf-8	98

END OF SEARCH HISTORY





A service of the National Library of Medicine and the National Institutes of Health

My NCBI [Sign In] [Reg

		•	4 " " " P	<i></i>					
All Databases	PubMed	Nucleotide	Protein	Genome	Structure	OMIM	PMC	Journals	Вс
Search PubMed		for					Pre	eview G	o C
	Limits	s Preview/	্র Index His	story Clipt	ooard De	tails			
About Entrez NCBI Toolbar	• To	rch History w	ches use #	before sear	ch number,	e.g., #2			

Text Version

Search numbers may not be continuous; all searches are represented.

Click on query # to add to strategy

Entrez PubMed	Search	Most Recent Queries	Time	Result
Overview Help FAQ	#16 Searcl	activin type II receptor extracellular	11:44:48	<u>105</u>
Tutorials	#8 Searcl	activin receptor fusion	11:25:11	<u>80</u>
New/Noteworthy E-Utilities	#9 Searcl	activin receptor fusion extracellular	11:17:24	<u>13</u>
	#1 Searcl	activin receptor and gdf-8	11:12:54	<u>8</u>
PubMed Services Journals Database	#4 Searcl	activin receptor and muscle	11:12:21	<u>82</u>
MeSH Database	#2 Search	activin and gdf-8	11:04:06	<u>18</u>

Clear History

Single Citation Matcher **Batch Citation Matcher** Clinical Queries **Special Queries** LinkOut My NCBI

Related Resources **Order Documents NLM Mobile NLM Catalog NLM Gateway TOXNET** Consumer Health Clinical Alerts ClinicalTrials.gov **PubMed Central**

> Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services Privacy Statement | Freedom of Information Act | Disclaimer

> > Apr 24 2006 06;33:44

Tutorials New/Noteworthy

E-Utilities

PubMed Services Journals Database

Batch Citation Matcher Clinical Queries

Related Resources

Order Documents NLM Mobile

NLM Catalog

TOXNET
Consumer Health

NLM Gateway

Clinical Alerts

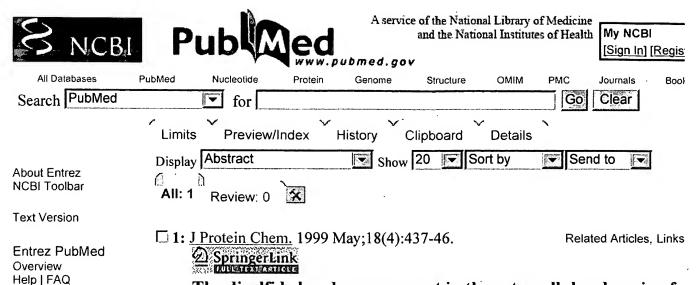
ClinicalTrials.gov

PubMed Central

MeSH Database Single Citation Matcher

Special Queries LinkOut

My NCBI



The disulfide bond arrangement in the extracellular domain of the activin type II receptor.

Fischer WH, Greenwald J, Park M, Craig AG, Choe S, Vale W.

The Clayton Foundation Laboratories for Peptide Biology, The Salk Institute, La Jolla, California 92037, USA. Fischer@salk.edu

The initial step in the signaling cascade of the growth factor activin involves its binding to the extracellular domain of the activin type II receptor. This receptor domain contains 10 cysteine residues which are engaged in intramolecular disulfide bonds. To elucidate the structural framework of this domain we have characterized its disulfide-bonding pattern using an extracellular fragment of the receptor which binds activin A with high affinity. By combining proteolysis with mass spectroscopy and chemical sequence analysis, the disulfide connectivity was determined to be as follows: C1-C3, C2-C4, C5-C8, C6-C7, and C9-C10. A similar disulfide arrangement occurs in a family of snake toxins for which the three-dimensional structure is known.

PMID: 10449041 [PubMed - indexed for MEDLINE]

Display Abstract	Shov	20	Sort by	Send	to 🔻

Write to the Help Desk

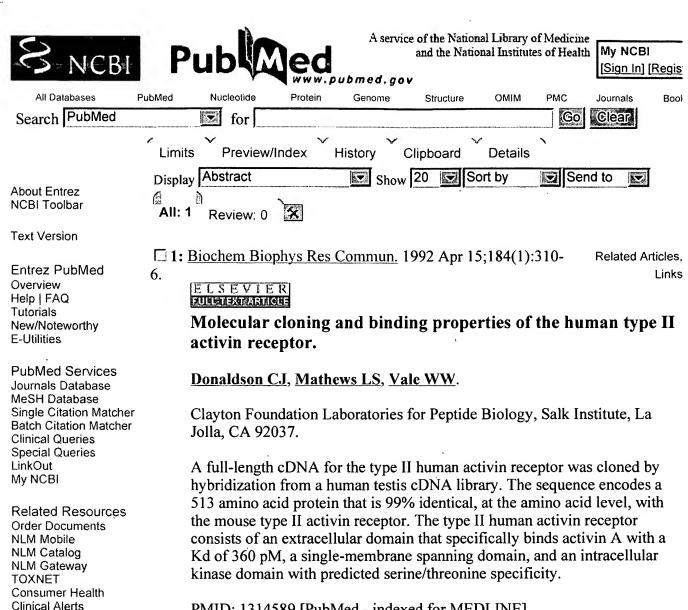
NCBI | NLM | NIH

Department of Health & Human Services

Privacy Statement | Freedom of Information Act | Disclaimer

Apr 24 2006 06:33:44

ClinicalTrials.gov PubMed Central



PMID: 1314589 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Send to V Sort by

> Write to the Help Desk NCBI | NLM | NIH Department of Health & Human Services Privacy Statement | Freedom of Information Act | Disclaimer

> > Apr 24 2006 06:33:44